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11/24/2006 HDEMESS2 00000049 6999652

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PATENT
Docket No. 14321.58

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mino et al.

Serial No.: 10/675,391

Filed: Sep. 30, 2003

Art Unit
2883

For: OPTICAL MODULE AND OPTICAL SWITCH
CONSTITUTING THE SAME

Examiner: Christopher M. Kalivoda

Patent No.: 6,999,652 B2

Issue Date: Feb. 14, 2006

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
NOV 28 2006
of Correction

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

NOV 28 2006

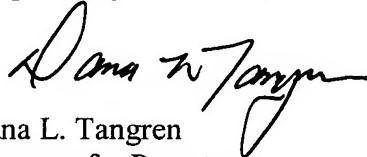
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Assistant Commissioner for Patents
Page 2

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 20 day of November, 2006.

Respectfully submitted,



Dana L. Tangren
Attorney for Patentee
Registration No. 37,246
Customer No. 022913

DLT:slw
Docket No. 14321.58
PR0000001655V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of November, 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 149876 for \$100.00

11/28/2006

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Docket No. 14321.58

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mino et al.



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| Serial No.: | 10/675,391 | Art Unit 2883 |
| Filed: | Sep. 30, 2003 | |
| For: | OPTICAL MODULE AND OPTICAL SWITCH CONSTITUTING THE SAME | |
| Examiner: | Christopher M. Kalivoda | |
| Patent No.: | 6,999,652 B2 | |
| Issue Date: | Feb. 14, 2006 | |

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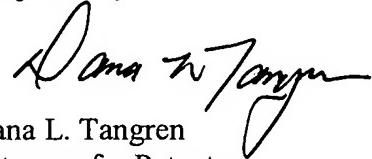
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UNITED STATES PATENT AND TRADEMARK OFFICE
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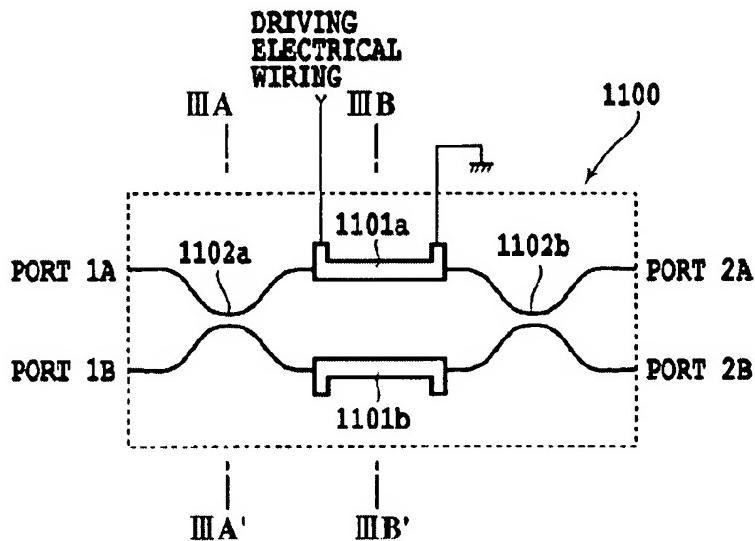
DATED : Feb. 14, 2006

INVENTOR(S) : Mino et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page,
Item (75), after "Akira Himeno," change "Naka-machi" to --Naka-Gun--
Item (56), OTHER PUBLICATIONS, T. Shibata et al., line 3, change "Ahaheim," to --Anaheim,--

Drawings,
Sheet 3, replace Figure 3A as shown below to change mislabeled reference number "C00" to --1100--



**FIG.3A
PRIOR ART**

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,999,652 B2

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UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : **6,999,652 B2**

DATED : **Feb. 14, 2006**

INVENTOR(S) : **Mino et al.**

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 6, change "341334filed" to --341334 filed--
 Lines 28-29, change "more increases," to --continues to increase--
 Line 35, after "throughput" change "with" to --while--
 Line 50, before "output ports." insert --N--
 Line 52, change "it" to --the 1xN optical switch--

Column 2,

Line 4, change "a1xN" to --a 1xN--

Column 4,

Line 9, change "Proc. $_{27}^{th}$ " to --Proc. 27^{th} --

Column 5,

Line 20, after "layer of" remove [the]
 Line 22, before "each gap" remove [the]
 Line 59, before "substrates," insert --of the--

Column 6,

Line 12, change "recently," to --regularly,--
 Line 41, change "father" to --further--

Column 7,

Line 61, before "other two-port" insert --the--

Column 8,

Line 50, change "mth input waveguide to lth" to -- m^{th} input waveguide to ℓ^{th} --
 Line 53, after "m and" change "l" to -- ℓ --
 Line 53, change " $1 \leq l \leq L$," to -- $1 \leq \ell \leq L$,--
 Line 59, change "output input waveguides" to --output waveguides--

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Column 9,

Line 8, before "optical switch" insert --an--
 Line 14, before "to miniaturize" remove [the]

Column 10,

Line 52, change "mth" to --mth--

Column 11,

Line 61, change "reduced, furthermore," to --reduced. Furthermore,--

Column 12,

Line 30, after "but also" change "into" to --onto--
 Line 37, after "The module" insert --is--
 Line 41, change "a7-stage" to --a 7-stage--
 Line 47, change "Ics" to --ICs--

Column 13,

Line 4, change "with bringing" to --while bringing--
 Line 7, before "desired one" insert --the--
 Line 16, change "2x2optical" to --2x2 optical--

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Line 23, after "optical switch" change "increases" to --has increased--
Line 50, change "driving IC" to --driving ICs--
Line 52, after "by connecting" insert --them--

Column 18,

Line 17, after "can be" change "reduce" to --reduced--

Column 21,

Line 14, change "eight array" to --eight arrays--
Line 15, before "same" change "a" to --the--
Line 23, after "gain equalizer" change "with" to --while--
Line 26, change "optical switch" to --optical switches--
Line 27, after "PLC substrate" change "with" to --while--
Line 30, after "waveguides" change "with" to --while--

Column 23,

Line 55, change "wave length" to --wavelength--

Column 24,

Line 22, change "wavelength" to --wavelengths--

Column 26,

Line 14, after "of one of" insert --the--

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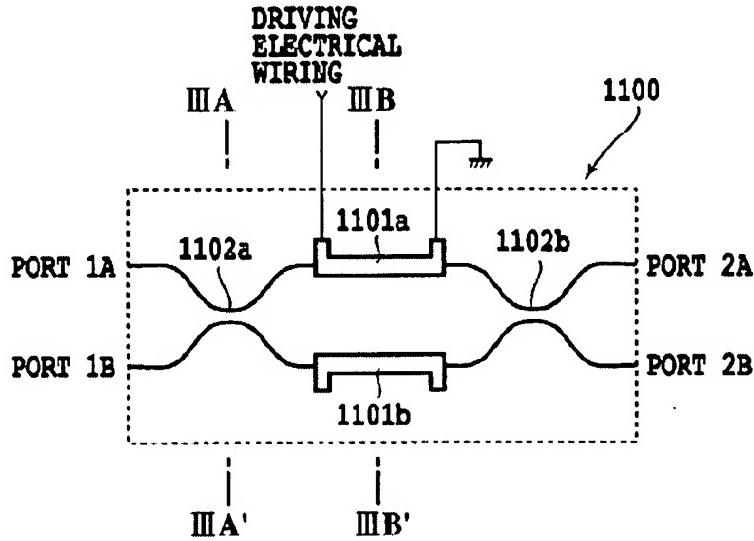
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**FIG.3A
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